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Title **Simulation and Analysis of Indian Air Traffic**

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Abstract

Air traffic density in India and the world at large is growing fast. The Airspace and Air Traffic Management therefore need augmentation of system capability without compromising safety. This report addresses the judicious use of simulation facilities to predict present and futuristic problems. It is intended to help service providers plan and come out with strategies for Air Traffic Management. State of the art simulation facilities are also useful in training a team of reliable, safe and efficient Air Traffic Controllers. The report presents results of simulation of three international airports: one existing in Bangalore, the one planned at Devanahalli and the one in Cochin. The problems addressed are those of delay encountered at the three airports, controller workload and noise contours around the Bangalore aerodrome.